Print Server

Quick Installation Guide

1. Product Introduction

Thank you for purchasing and using our print server. This print server allows your printer to become a shared device on the network. It offers printing flexibility and manageability on your Wired or Wireless Local Area Network with an absolute minimum setup and maintenance required.

This print server supports TCP/IP, NetBEUI, IPX/SPX, and AppleTalk protocols. It is the best network printing solutions for various common network operating systems such as:

- Windows Peer-to-Peer Printing (Windows 98SE/Me/NT/2000/XP/2003/Vista)
- Microsoft Windows NT/2000/2003 Server-Based Printing
- Novell NetWare 3.x/4.x/5.x
- Unix/Linux
- MAC OS 9.x above

With the help of Installation Wizard, you can easily and instantly complete the settings for the printing environment, and start enjoying the fantastic features provided by this print server.

This guide is used for quick installation on Windows peer-to-peer printing environments. If you have a simple network you can simply follow the procedures described in this guide step-by-step to complete the installation. If you find any problem, please refer to the User's Manual on the CD-ROM for more detail information.

2. Package Contents

This package contains the following components:

- One Print Server
- One Antenna (Only for Wireless Print Server)
- One Power Adapter
- One Quick Installation Guide
- One CD-ROM (Including all the software utilities, drivers and User's Manual)

3. Hardware Installation

1. Unpack the print server package and verify that all the items listed in the previous section are provided.

2. Connect the print server to the printer you want to share on the network.

3. Connect the print server to your network by attached the network cable to the UTP port of the print server.

4. Connect the power adapter to the print server. The print server will perform the Power-On-Self-Test (POST) after it is powered on. During the POST, the Status LED will be blinking. When the Status LED is unlighted, the print server is ready.

Note: You must use the power adapter shipped along with the print server, do NOT use any other power adapter from other sources.

4. Software Installation

4.1. Administration Utilities Installation

The Administrator Installation Program executes a wizard-driven procedure that performs the following tasks:

- Install all necessary utilities and drivers in your PC (including the client utilities).
- Prompt to configure the print server (including the print server name and IP Address).
- Add the network port of the print server to your PC.

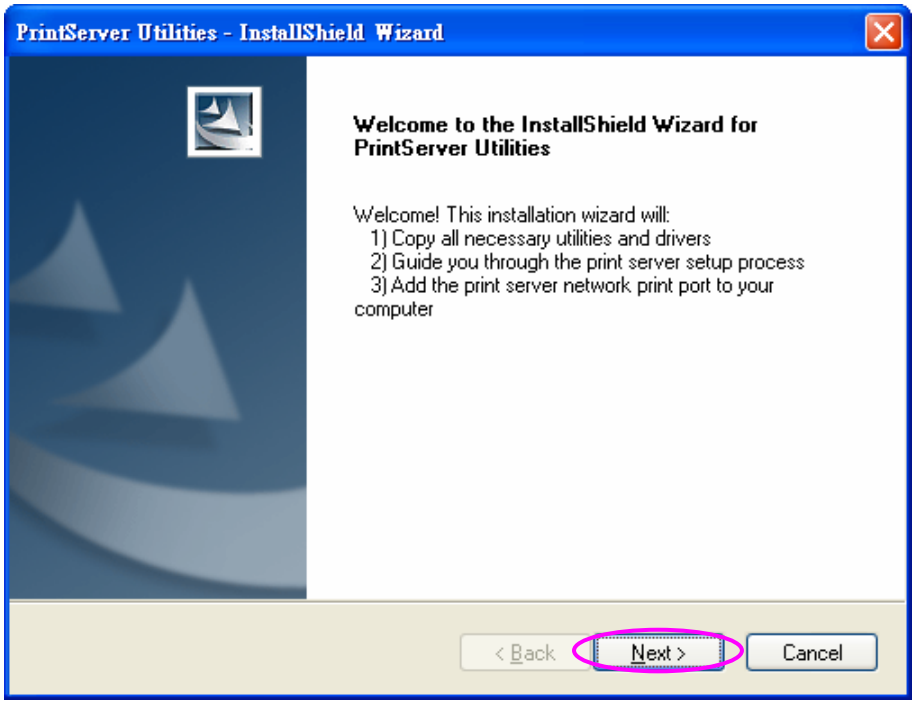
After the installation, perform the standard “Add Printer” procedure and choose the print server’s “Network Port” in the “Available Ports” list. Then, you can test printing function from the Administrator PC.

The Administrator Installation can be performed on Windows 98SE/Me/NT/2000/XP/2003/Vista with the same user interface. Before the installation, please verify that your network protocol is installed on your PC (TCP/IP, IPX and/or NetBEUI). Note that the following steps are running in Windows XP, for other Operation Systems the procedures are similar.

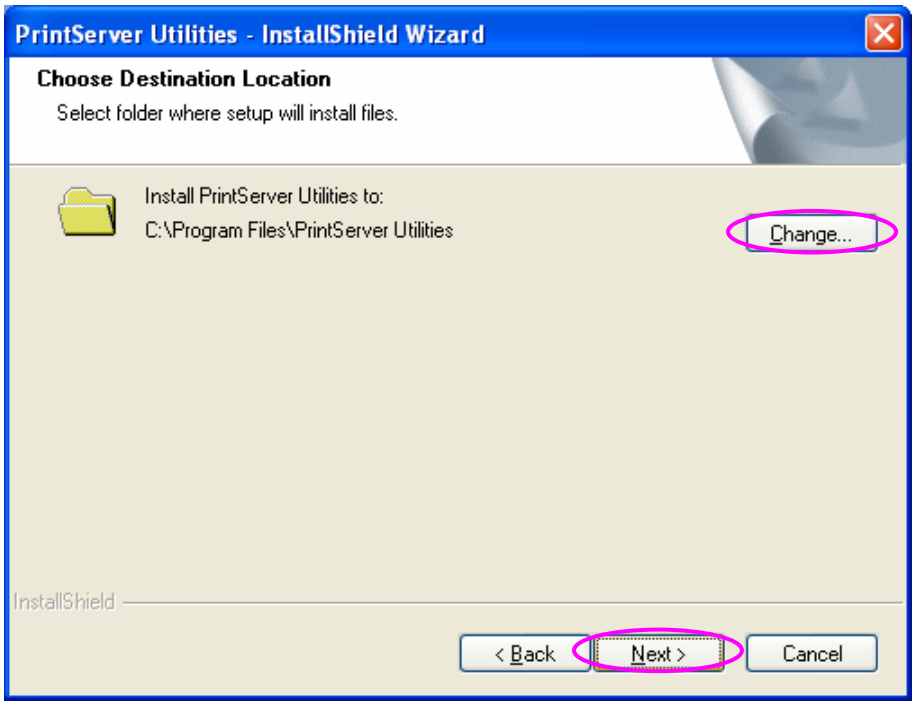
1. Insert the CD shipped along with the print server into your CD-ROM drive. The Autorun.exe program should be executed automatically. If not, run Autorun.exe manually from CD-ROM drive’s root directory.

2. The “Installation Manager” will be displayed on the screen as following. Click “Administrator Installation”.

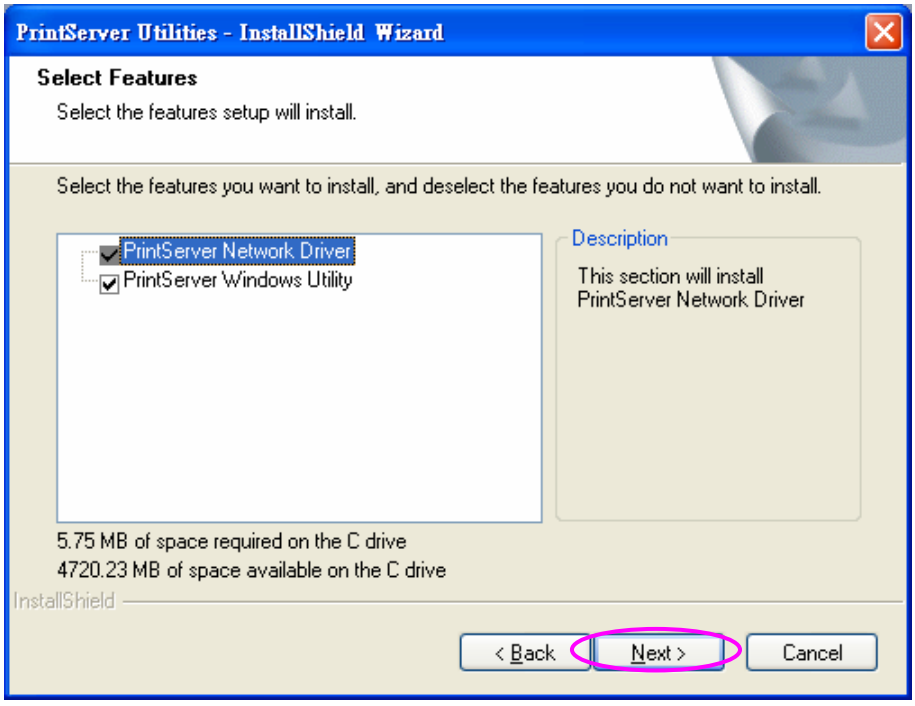
3. The “Print Server Utilities” window will be displayed. Click “Next”.


PrintServer Utilities - InstallShield Wizard
Welcome to the InstallShield Wizard for PrintServer Utilities
Welcome! This installation wizard will:
1) Copy all necessary utilities and drivers
2) Guide you through the print server setup process
3) Add the print server network print port to your computer
< Back
Next >
Cancel

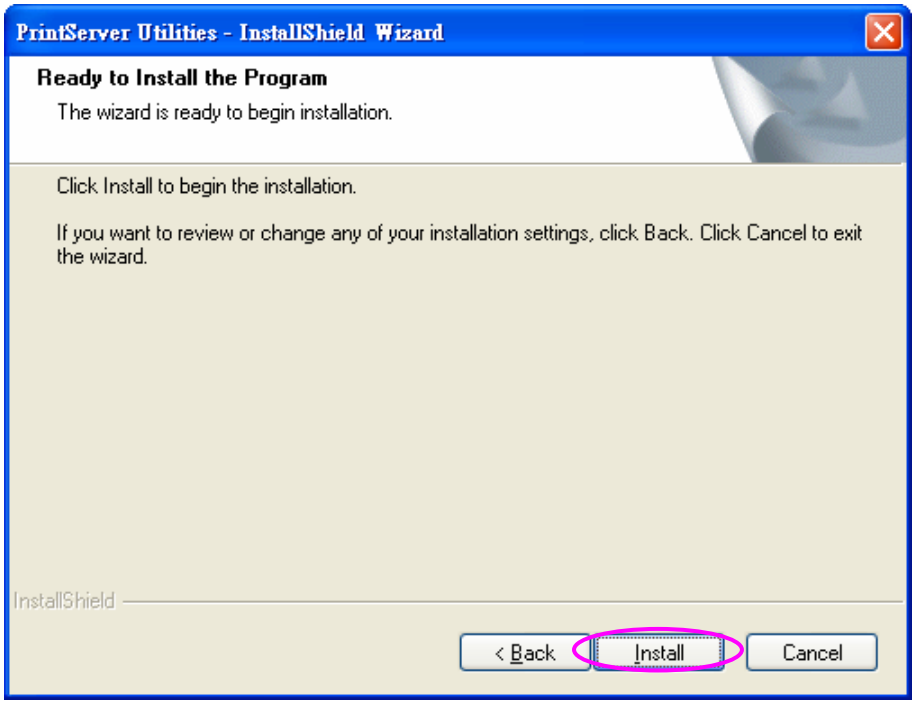
4. Click “Next” to install the utilities in the default folder or click “Change” to specify the destination folder where you would like to install the utilities.



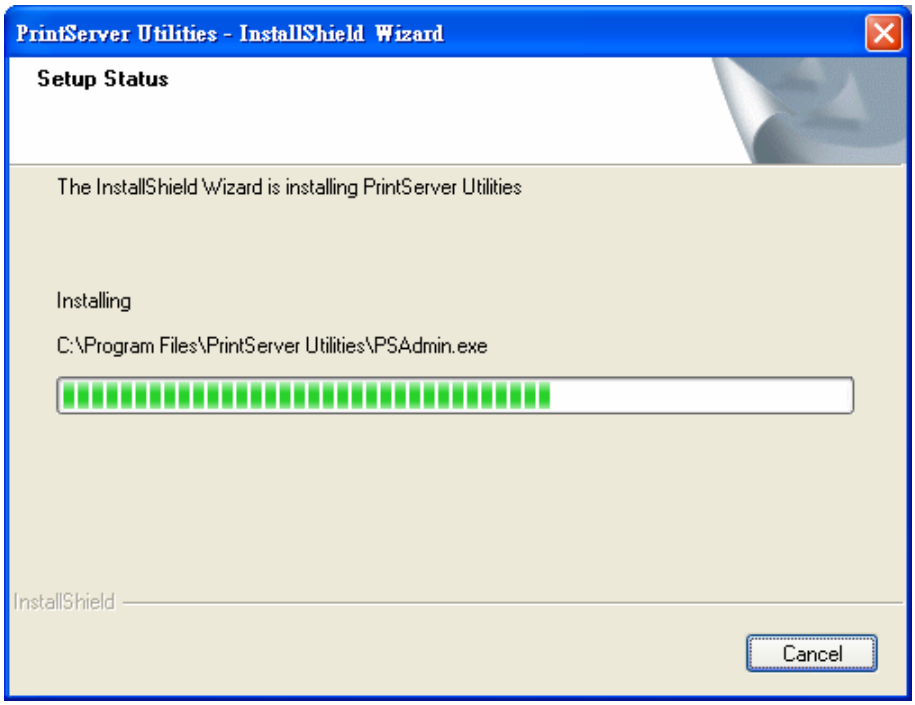
5. Select the components you want to install. It is highly recommended to install all provided components. Click “Next” to continue.


PrintServer Utilities - InstallShield Wizard
Select Features
Select the features setup will install.
Select the features you want to install, and deselect the features you do not want to install.
PrintServer Network Driver
PrintServer Windows Utility
Description
This section will install PrintServer Network Driver
5.75 MB of space required on the C drive
4720.23 MB of space available on the C drive
InstallShield
< Back
Next >
Cancel

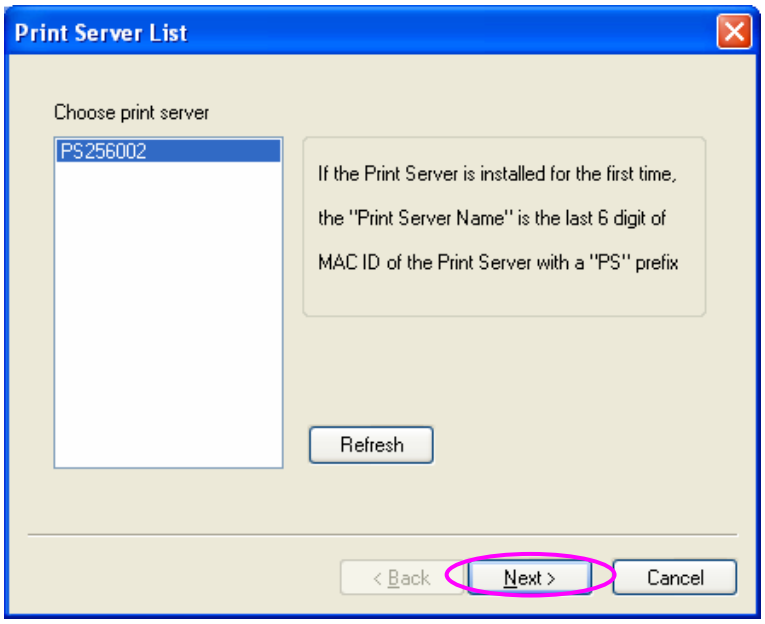
6. Click “Install”.


PrintServer Utilities - InstallShield Wizard
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

7. The system will start to install the utilities automatically.



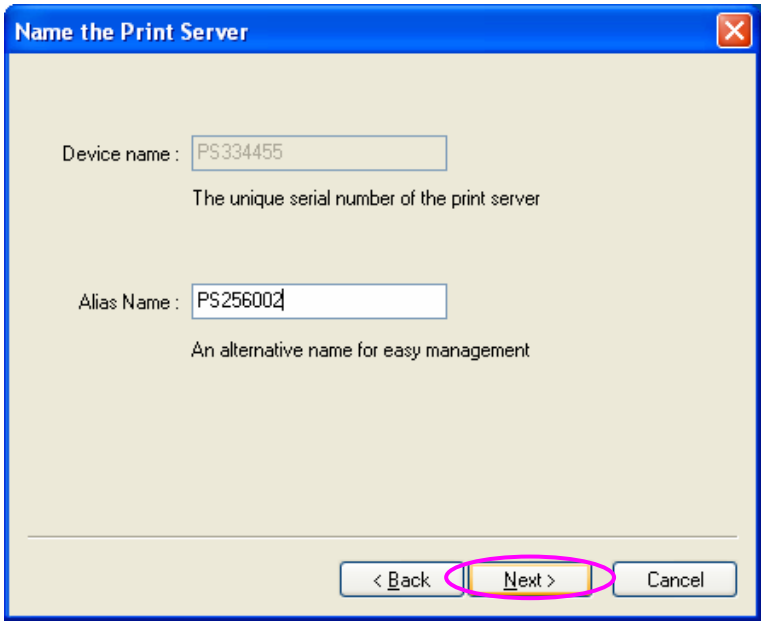
8. You have completed the installation phase and prepare to configure the Print Server. The “Choose Print Server” will list all Print Servers within the network. Select the Print Server you would like to configure and click “Next”.


Print Server List
Choose print server
PS256002
If the Print Server is installed for the first time, the "Print Server Name" is the last 6 digit of MAC ID of the Print Server with a "PS" prefix
Refresh
< Back
Next >
Cancel

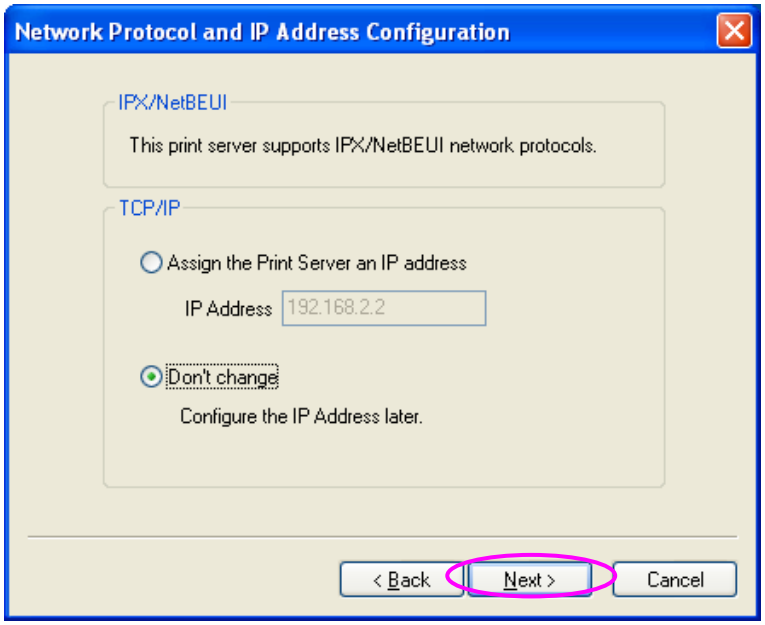
NOTE 1: If this is the first time you configure the Print Server, the “Print Server Name” is the last 6-digit of MAC ID with prefix “PS”. Please check the MAC ID on the print server.

NOTE 2: The list can only display the devices from the same manufacturer.

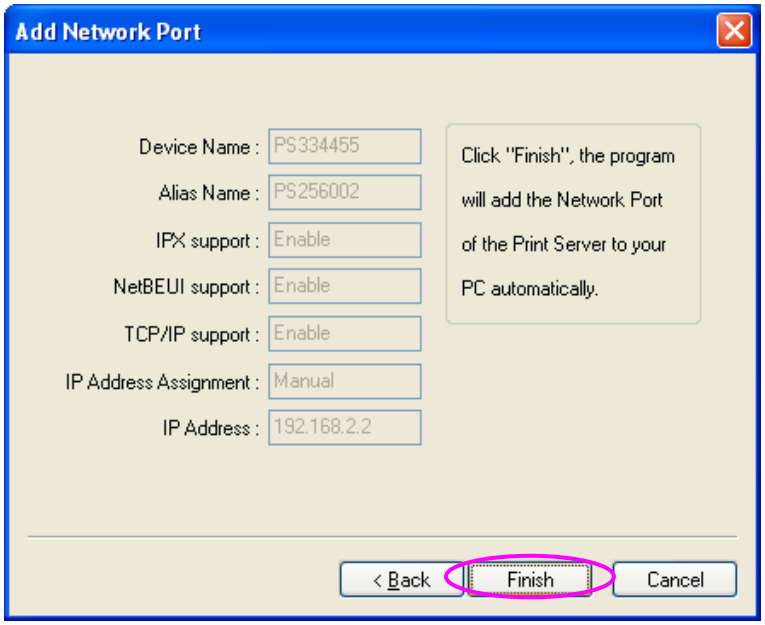
9. Specify a recognizable name for the Print Server and click “Next”.



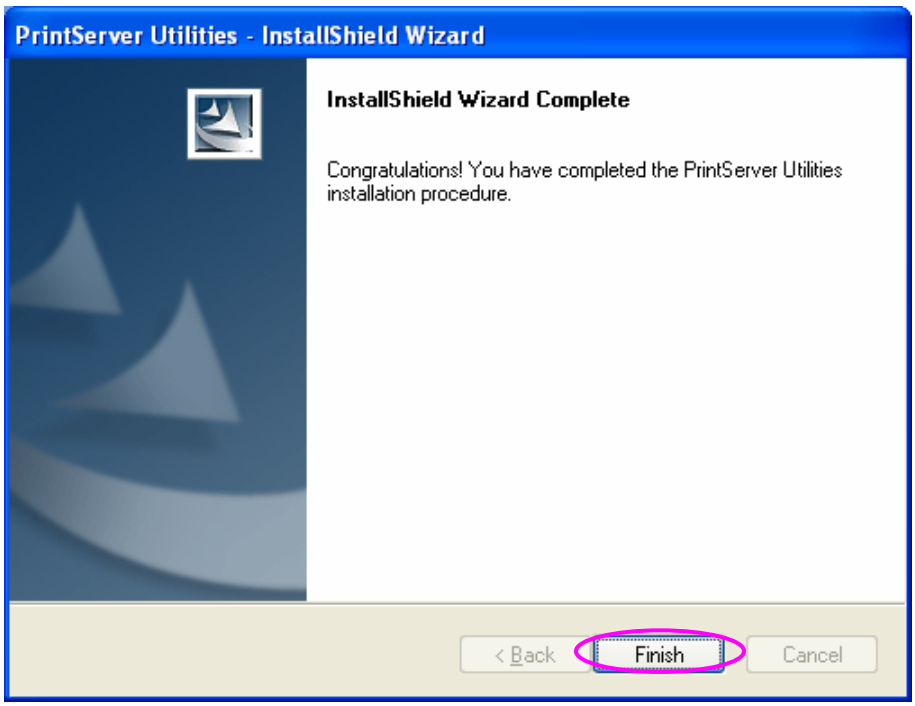
10. Specify the IP Address for the Print Server manually or click “Next” to keep default IP Address.



11. The configuration summary is displayed in the window. Now, you have completed the Print Server setup. Click “Finish” and your system will add network port of the Print Server to your PC automatically.


Add Network Port
Device Name : PS334455
Alias Name : PS256002
IPX support : Enable
NetBEUI support : Enable
TCP/IP support : Enable
IP Address Assignment : Manual
IP Address : 192.168.2.2
Click "Finish", the program will add the Network Port of the Print Server to your PC automatically.
< Back
Finish
Cancel

12. The Administrator Installation procedure is totally completed. Click “Finish”.



4.2. Client Utilities Installation

The Client Installation Program is a wizard driven procedure which will perform the following tasks:

- Install client utilities and drivers into your PC.
- Automatically add all Network Ports to your PC.

The network port driver supports network protocol auto-detection. It will automatically select an available network protocol (TCP/IP, IPX or NetBEUI) of the client computer to connect to the print server.

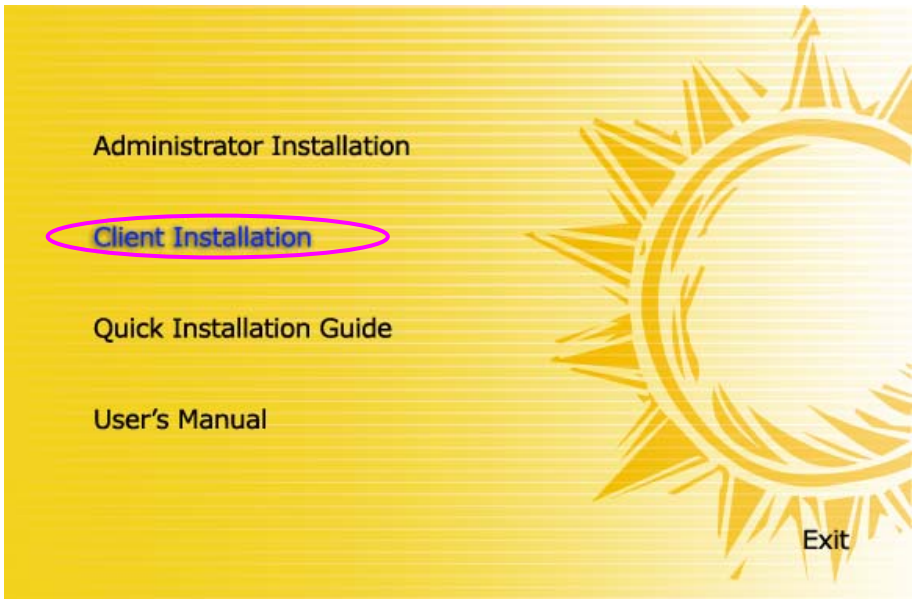
Since both the print server side and client side support multi-protocols, the configuration process of the client side is fully automatic.

After the installation, perform the standard “Add Printer” procedure and choose the print server’s “Network Port” in the “Available Ports” list. You can test printing from the PC to the print server as your local printer.

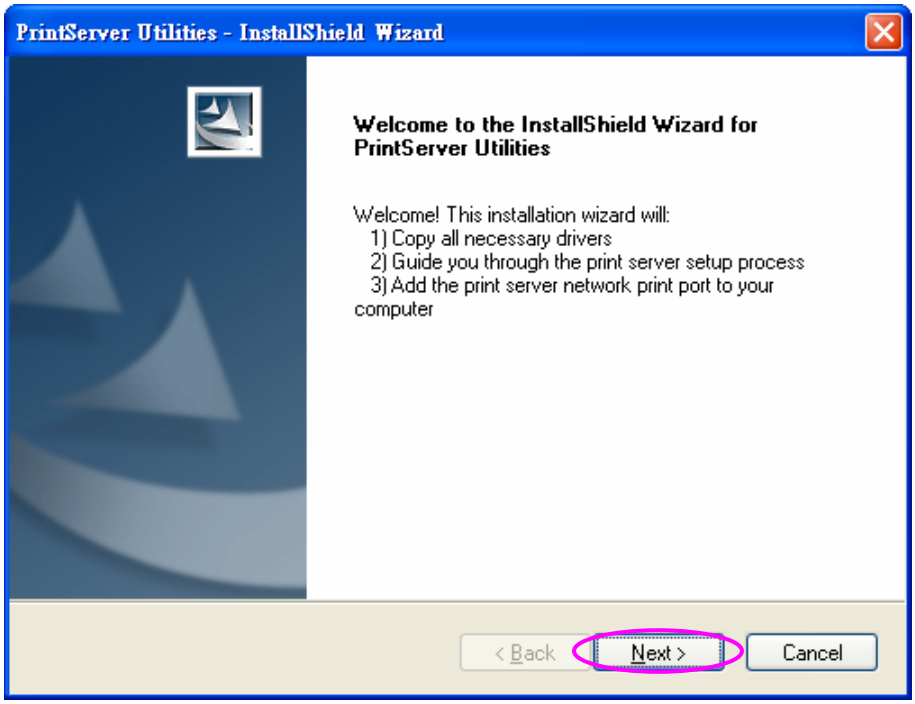
The Client Installation can be performed on Windows 98SE/Me/NT/2000/XP/2003/Vista with the same user interface. Before installation, please confirm that your PC has already connected to the network and installed at least one network protocol. Note that the following steps are running in Windows XP, for other Operation Systems the procedures are similar.

1. Insert the CD shipped along with the print server into your CD-ROM drive. The Autorun.exe program should be executed automatically. If not, run Autorun.exe manually from CD-ROM drive’s root directory.

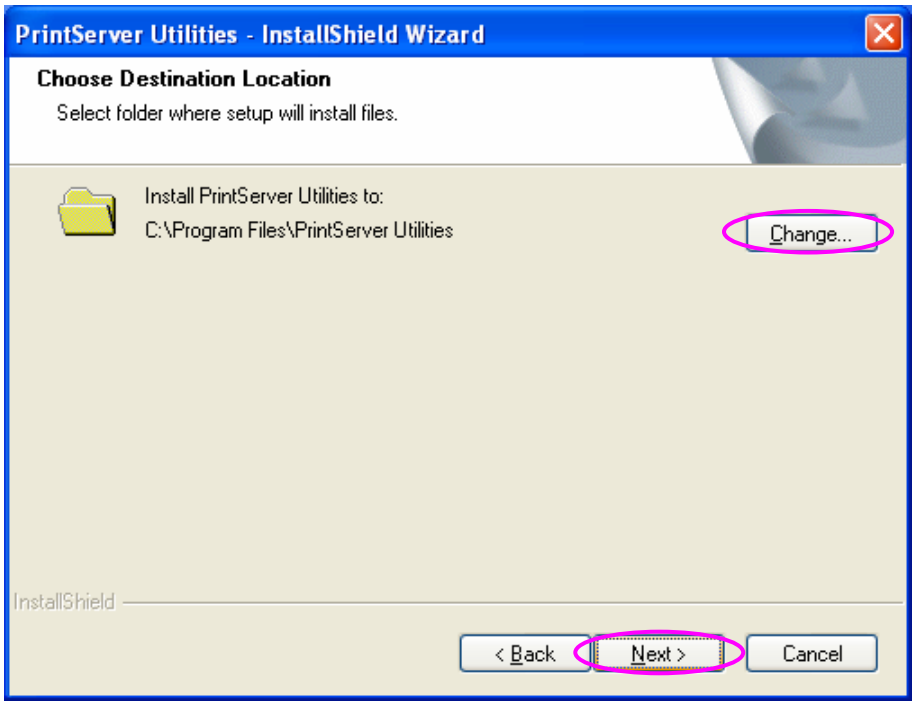
2. The "Installation Manager" will be displayed on the screen as follows. Click “Client Installation”.



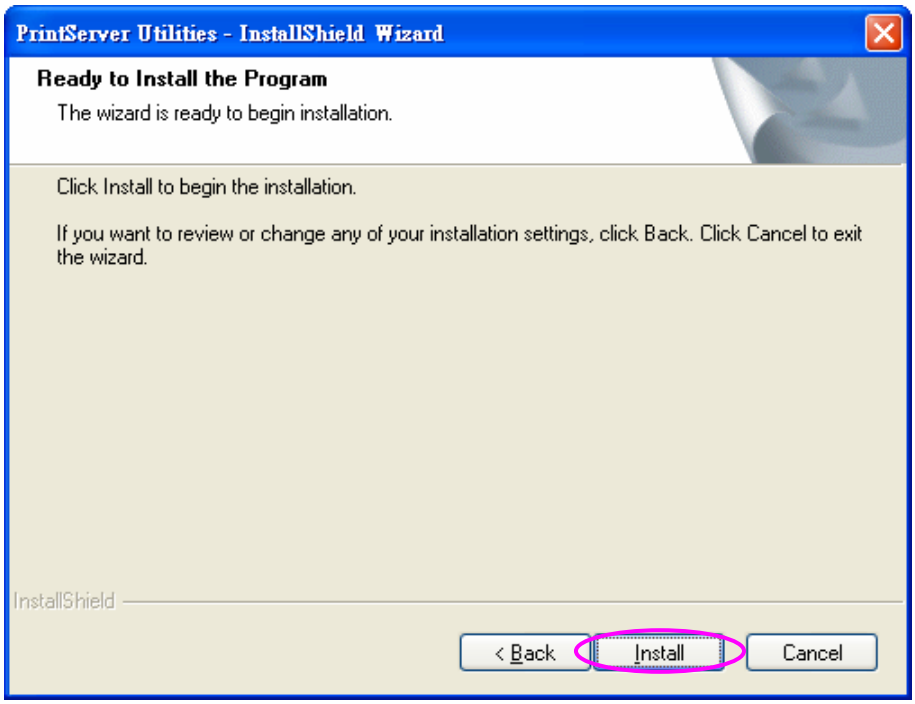
3. The “Print Server Utilities” window will be displayed. Click “Next”.


PrintServer Utilities - InstallShield Wizard
Welcome to the InstallShield Wizard for PrintServer Utilities
Welcome! This installation wizard will:
1) Copy all necessary drivers
2) Guide you through the print server setup process
3) Add the print server network print port to your computer
< Back
Next >
Cancel

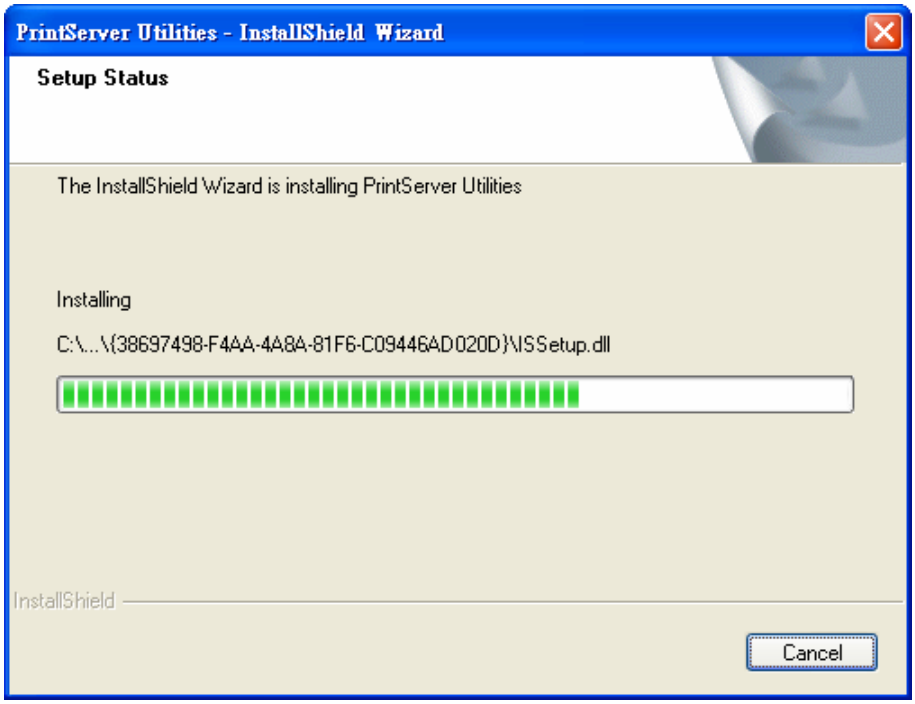
4. Click “Next” to install the utilities in the default folder or click “Browse” to specify the destination folder where you would like to install the utilities.



5. Click “Install”.

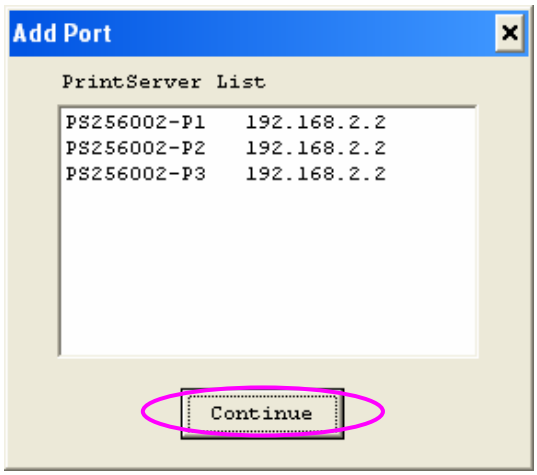

PrintServer Utilities - InstallShield Wizard
Ready to Install the Program
The wizard is ready to begin installation.
Click Install to begin the installation.
If you want to review or change any of your installation settings, click Back. Click Cancel to exit the wizard.
InstallShield
< Back
Install
Cancel

6. The system will start to install the utilities automatically.

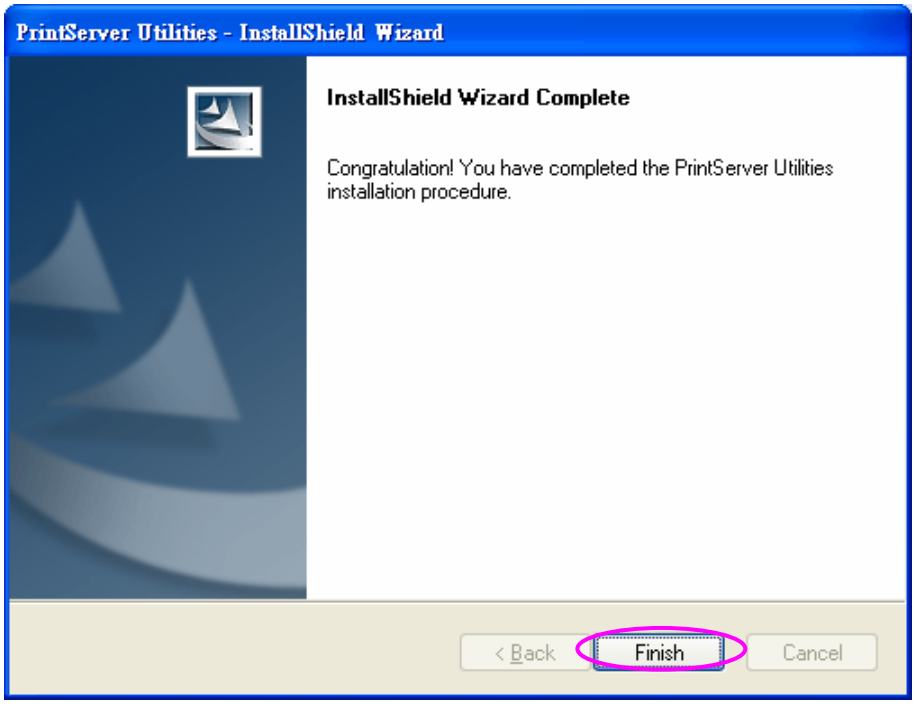


7. Now, the installation procedure is completed, you are ready to set up the client's computer. All network ports of the Print Servers detected on the network will be added to your PC automatically, click "Continue".

   Note that if there are no print servers detected in the network currently, please click "Continue" to finish the installation. Please refer to Section 3.5.1 in the manual to add network ports of print servers manually.



8. The Client Installation procedure is completed. Click “Finish”.



4.3. Windows Add Printer Procedure

After adding a “Network Port” of the print server to your PC by Administrator or Client Installation Program, you can follow the procedures described in the following sections to add printer to the Windows Operation Systems.

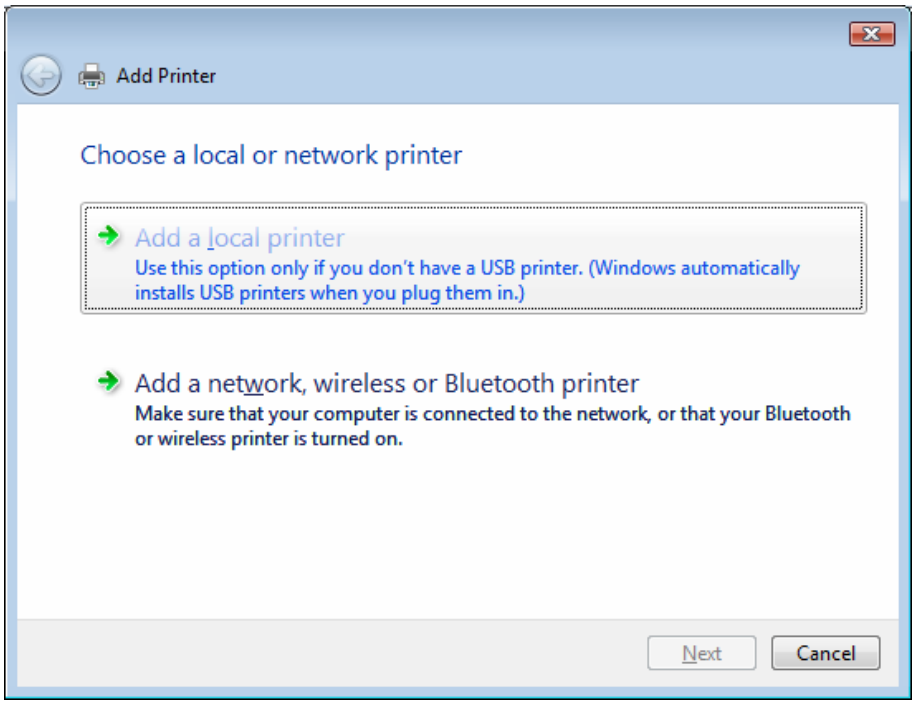
4.3.1. Windows Vista

The following “Add Printer” steps are running in Windows Vista.

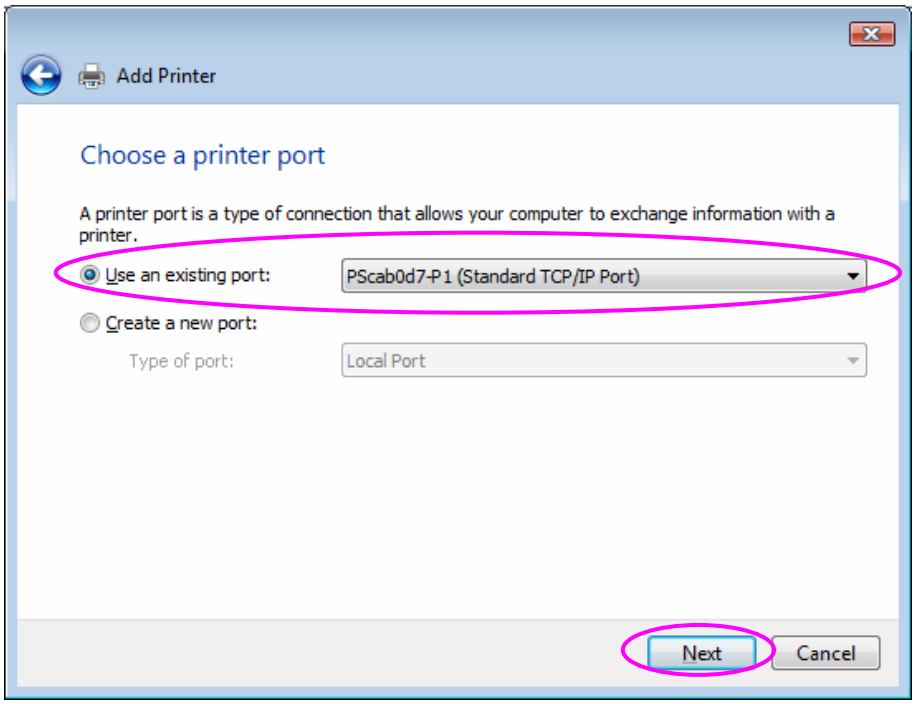
1. Click “Start”, select “Settings\Printers”.

2. Click “Add a Printer”.

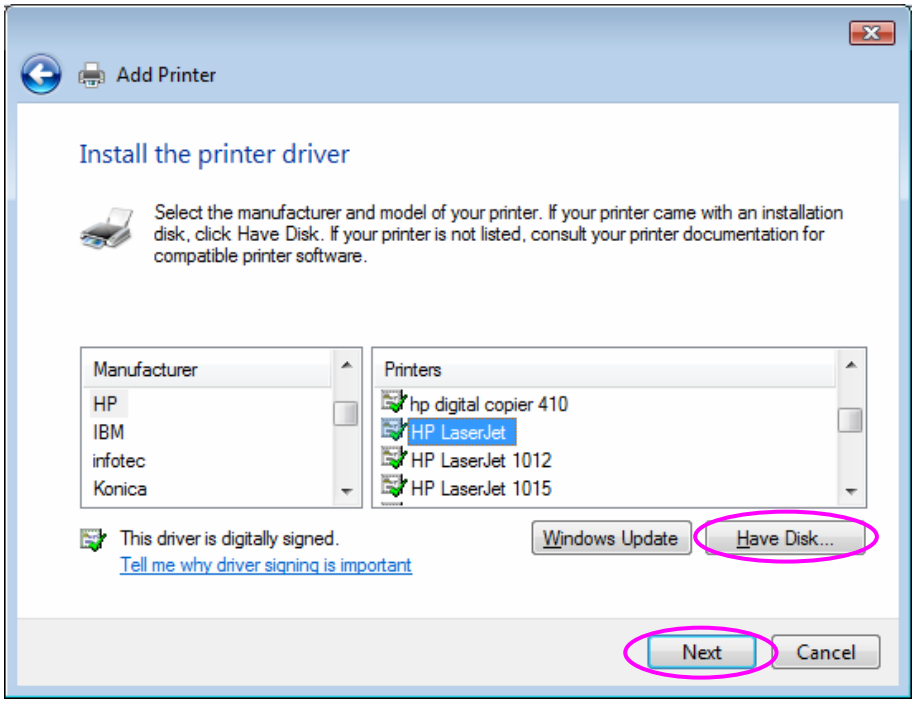
3. The “Add Printer” wizard is displayed. Select “Add a local printer”.


Add Printer
Choose a local or network printer
Add a local printer
Use this option only if you don't have a USB printer. (Windows automatically installs USB printers when you plug them in.)
Add a network, wireless or Bluetooth printer
Make sure that your computer is connected to the network, or that your Bluetooth or wireless printer is turned on.
Next
Cancel

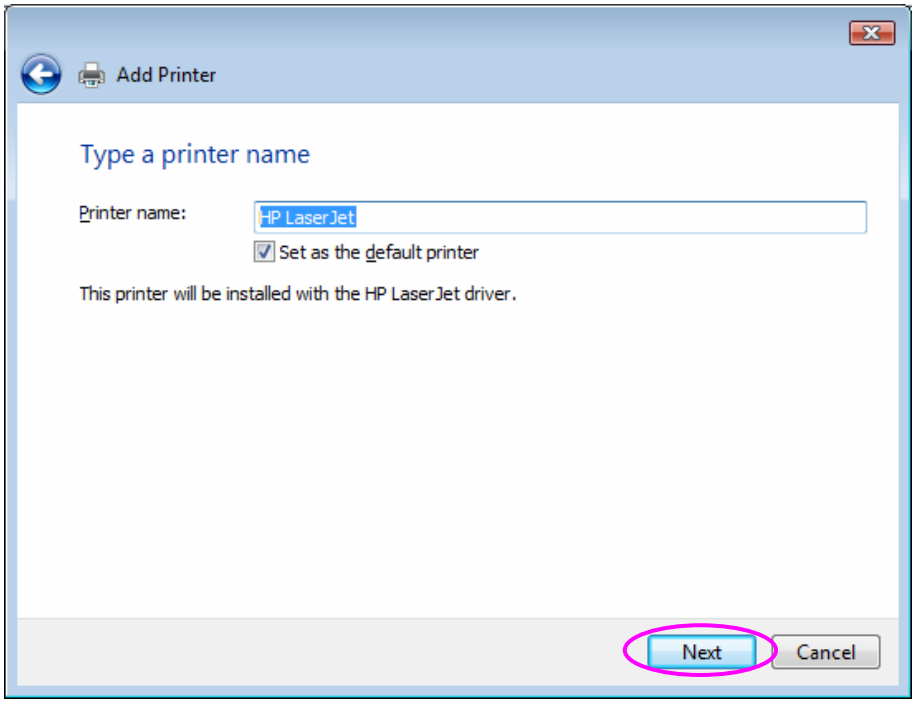
4. Choose the suitable printer port which was created by the installation process and click “Next”.


Add Printer
Choose a printer port
A printer port is a type of connection that allows your computer to exchange information with a printer.
Use an existing port:
PScab0d7-P1 (Standard TCP/IP Port)
Create a new port:
Type of port:
Local Port
Next
Cancel

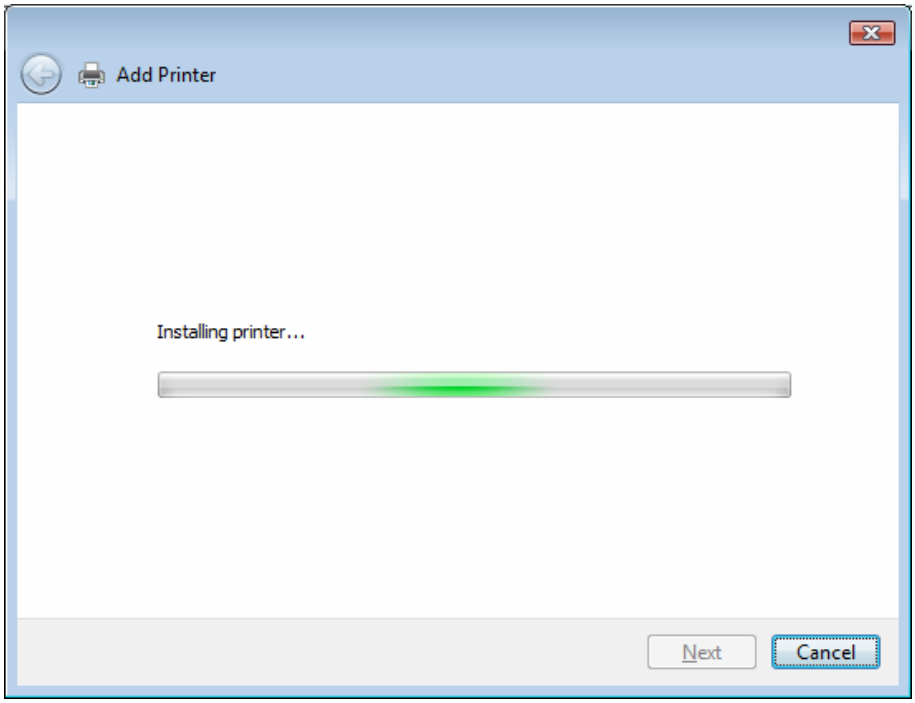
5. Select the printer manufacturer and the printer model and click “Next”. If your printer is not in the list, click “Have Disk…” to install the driver of the printer. After installation, the printer model will be added to the list.



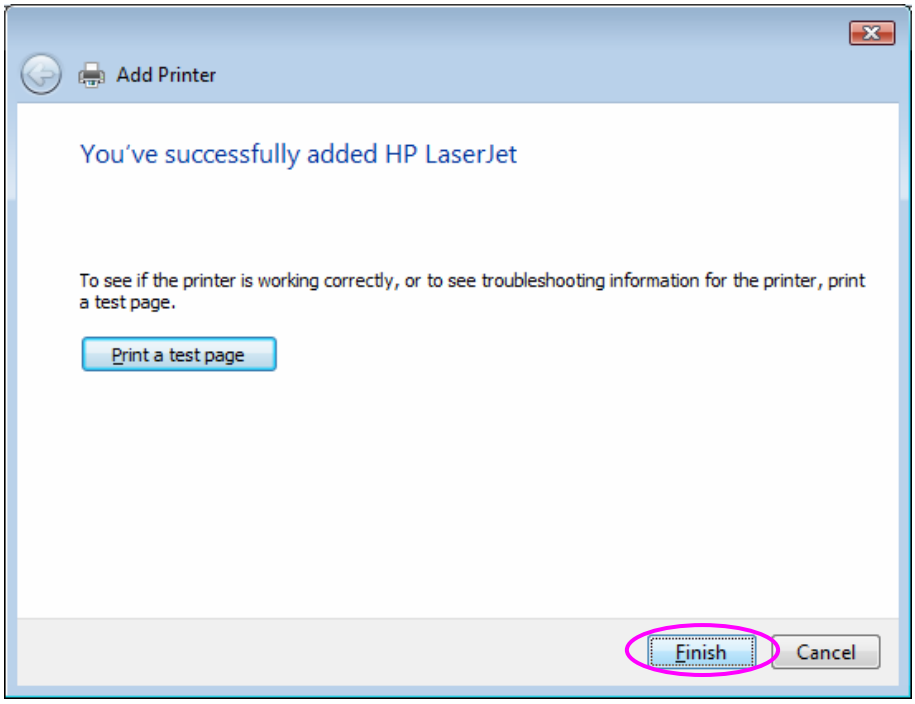
6. Name your printer and set the default printer, click “Next”.



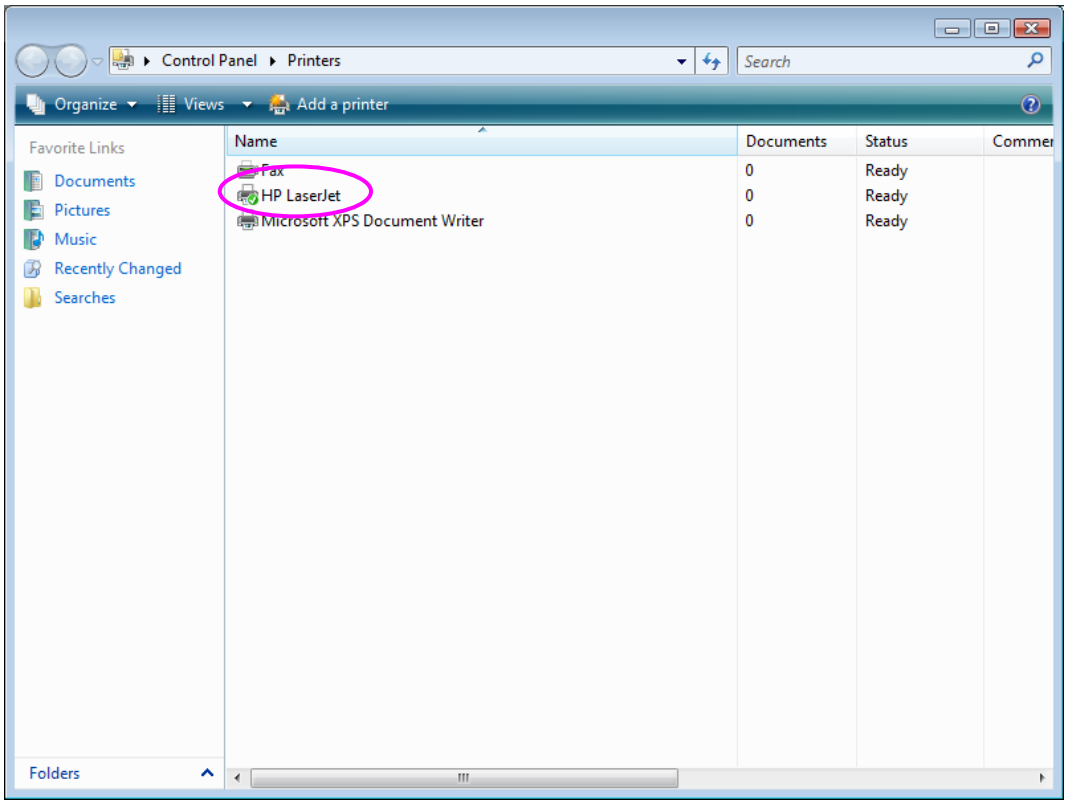
7. The printer drivers are being installed.



8. It is recommended to print a test page. Click “Finish”.


Add Printer
You've successfully added HP LaserJet
To see if the printer is working correctly, or to see troubleshooting information for the printer, print a test page.
Print a test page
Finish
Cancel

9. The printer is added to “Printers” page, you have added the printer to your computer successfully. Now you can start to print from your computer to the print server.



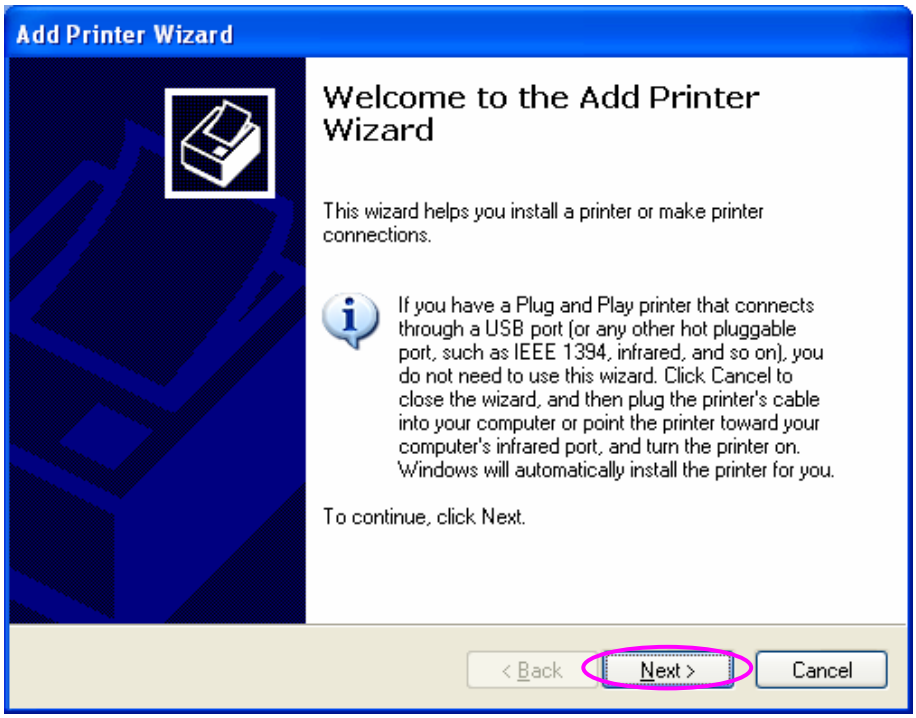
4.3.2. Windows XP

The following “Add Printer” steps are running in Windows XP, the steps in other Operating Systems such as Windows 98SE/Me/2000 are similar.

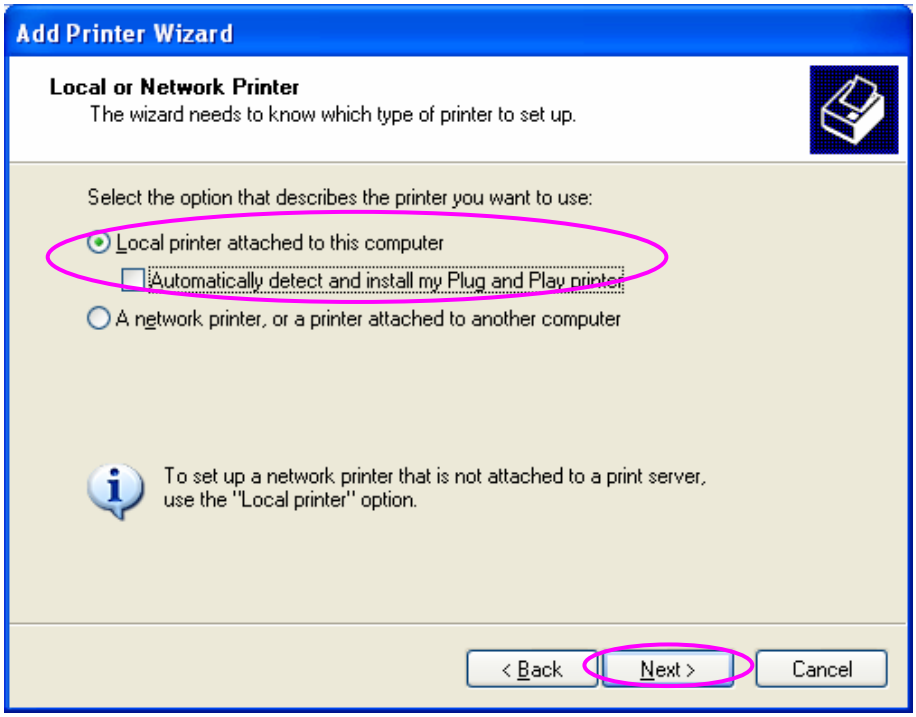
1. Click “Start”, choose “Settings” and select “Printers and Faxes”.

2. Click “Add a Printer”.

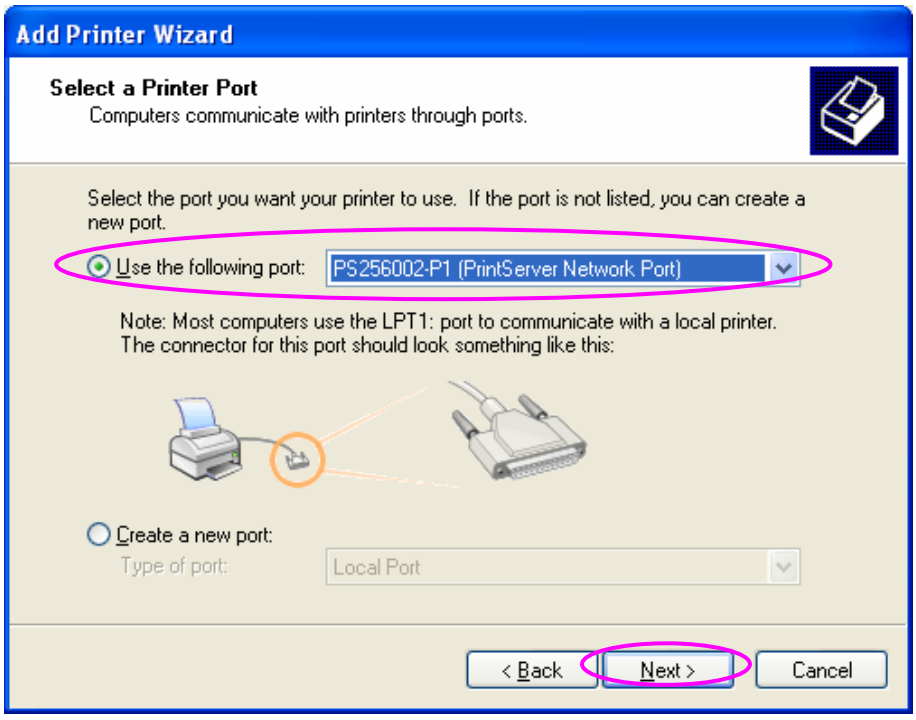
3. The “Add Printer Wizard” is displayed. Click “Next”.


Add Printer Wizard
Welcome to the Add Printer Wizard
This wizard helps you install a printer or make printer connections.
If you have a Plug and Play printer that connects through a USB port (or any other hot pluggable port, such as IEEE 1394, infrared, and so on), you do not need to use this wizard. Click Cancel to close the wizard, and then plug the printer's cable into your computer or point the printer toward your computer's infrared port, and turn the printer on. Windows will automatically install the printer for you.
To continue, click Next.
< Back
Next >
Cancel

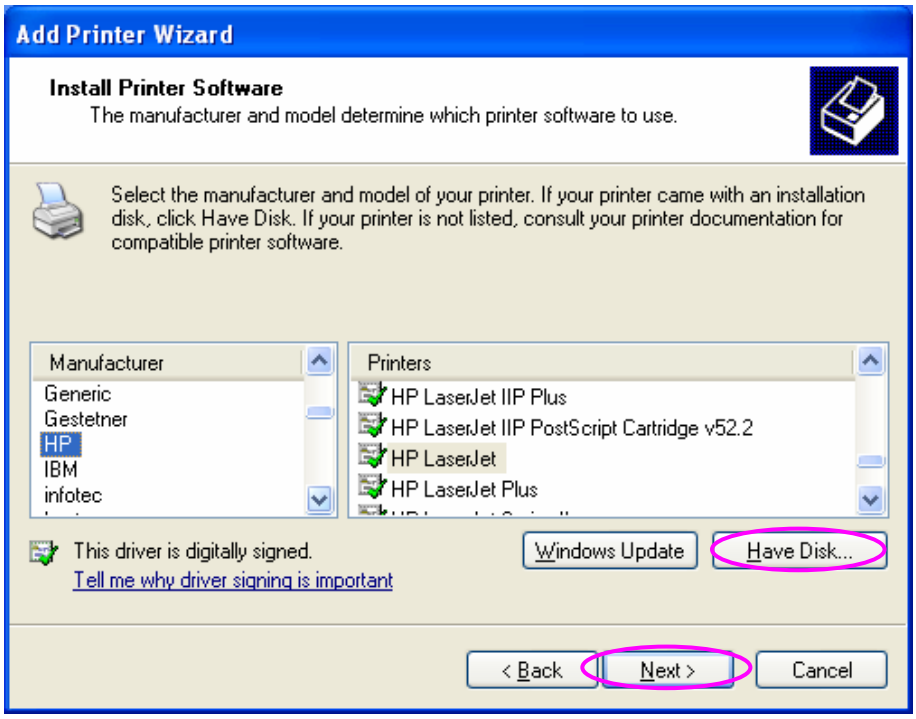
4. Select “Local printer attached to this computer” and make sure that “Automatically detect and install my Plug and Play printer” is not selected. Click “Next”.


Add Printer Wizard
Local or Network Printer
The wizard needs to know which type of printer to set up.
Select the option that describes the printer you want to use:
Local printer attached to this computer
Automatically detect and install my Plug and Play printer
A network printer, or a printer attached to another computer
To set up a network printer that is not attached to a print server, use the "Local printer" option.
< Back
Next >
Cancel

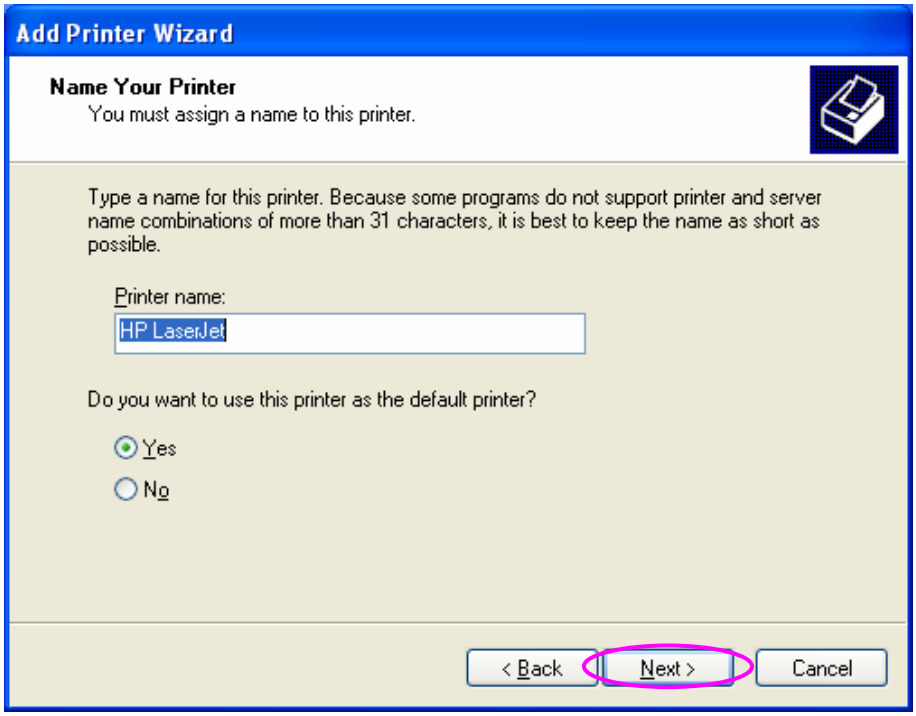
5. Choose the suitable “Print Server Network Port” which was created by the Administrator Installation or Client Installation process and click “Next”.


Add Printer Wizard
Select a Printer Port
Computers communicate with printers through ports.
Select the port you want your printer to use. If the port is not listed, you can create a new port.
Use the following port:
PS256002-P1 (PrintServer Network Port)
Note: Most computers use the LPT1: port to communicate with a local printer. The connector for this port should look something like this:
Create a new port:
Type of port:
Local Port
< Back
Next >
Cancel

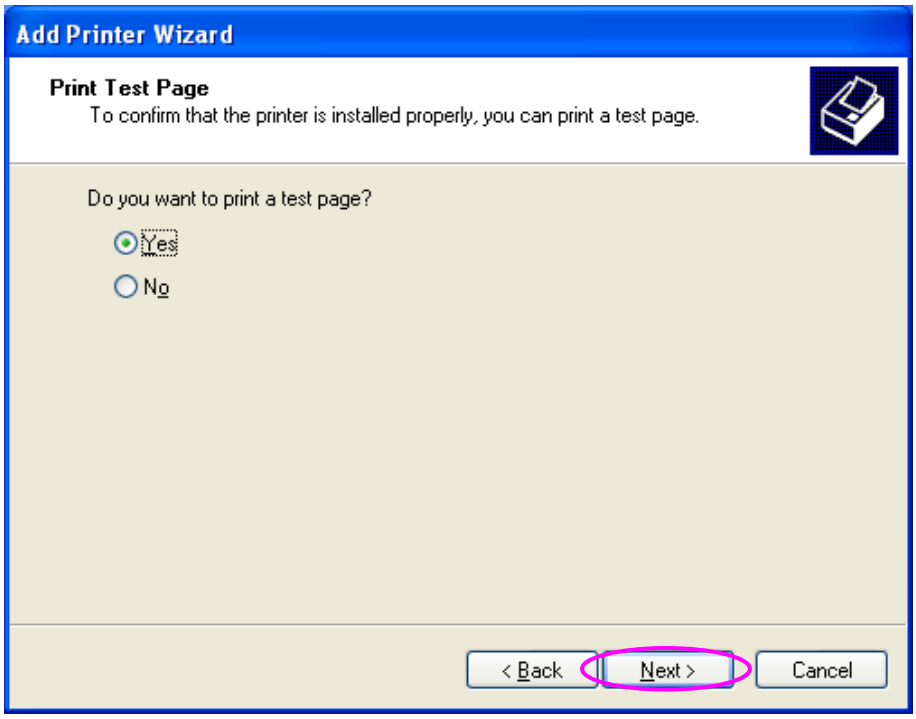
6. Select a suitable printer manufacturer and the printer model and click “Next”. If your printer is not in the list, click “Have Disk…” to install the driver of the printer. After installation, the printer model will be added to the list.


Add Printer Wizard
Install Printer Software
The manufacturer and model determine which printer software to use.
Select the manufacturer and model of your printer. If your printer came with an installation disk, click Have Disk. If your printer is not listed, consult your printer documentation for compatible printer software.
Manufacturer
Generic
Gestetner
HP
IBM
infotec
Printers
HP LaserJet IIP Plus
HP LaserJet IIP PostScript Cartridge v52.2
HP LaserJet
HP LaserJet Plus
This driver is digitally signed.
Tell me why driver signing is important
Windows Update
Have Disk...
< Back
Next >
Cancel

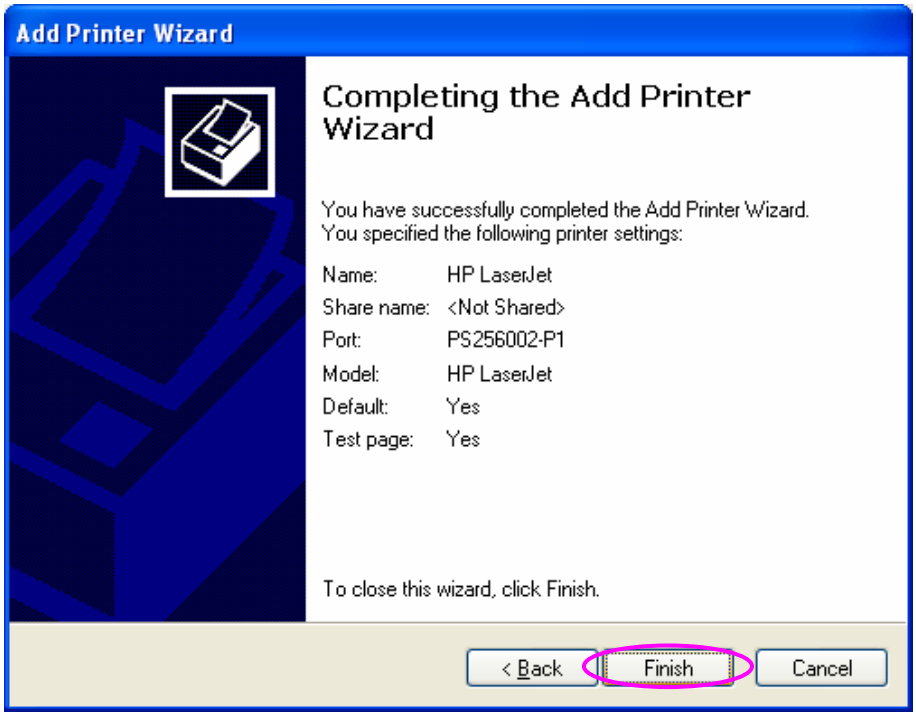
7. Name your printer and setup the default printer, click “Next”.


Add Printer Wizard
Name Your Printer
You must assign a name to this printer.
Type a name for this printer. Because some programs do not support printer and server name combinations of more than 31 characters, it is best to keep the name as short as possible.
Printer name:
HP LaserJet
Do you want to use this printer as the default printer?
Yes
No
< Back
Next >
Cancel

8. Choose to print the test page or not. It is recommended to print a test page. Click “Next”.


Add Printer Wizard
Print Test Page
To confirm that the printer is installed properly, you can print a test page.
Do you want to print a test page?
Yes
No
< Back
Next >
Cancel

9. You have added the printer to the PC successfully. The information of the printer is displayed in the windows. Click “Finish”.



10. Now you can start to print from your PC to the print server.